

ENGINEERING CHANGE NOTICE

DART AEROSPACE LTD		Amendment Design Review (ADR) Yes/No Y		ECN #: 969		
Date: 07.06.05		ADR Date: 07.06.05				
Job No: 00056		Created By: <i>DC</i>		Checked By: <i>[Signature]</i>		
Product No: D206-642		Approved By: <i>[Signature]</i>		Approved By: <i>[Signature]</i>		
Product Name: Skidtube Installations		(Proj. Manager)		(Management if reqd)		
Documents Affected: Release D3283 Rev. E D3288 Rev. D D3289 Rev. C						
#	Engineering Actions	Yes	No	Responsible	To happen by:	Complete
1	Required Documents/Drawings Under Review?	X		MB	ASAP	07.05.31
2	Update Blue/Pink Folder/Electronic File		X			
3	Update DSI Folder/Electronic File		X			
4	Update D-Part Master Binder	X		KJ		07.08.29 <i>KJ</i>
5	Update Grey Project Binder	X		DC/KJ		07.08.29 <i>KJ</i>
6	Update DEO/DSI Binder		X			
7	Update Master Document List (MDL) <i>Rev S</i>	X	X	DC		07.08.29 <i>DC</i>
8	Update Document Record (DR) <i>Rev K</i>	X		KJ/DC		07.08.29 <i>DC</i>
9	Update Change Record Form		X			
10	Move Electronic File	X		KJ		07.08.29 <i>KJ</i>
11	Notify TC of Change		X			
12	Notify FAA of Change		X			
13	Update QSI 021 (TC/FAA STC)		X			
14	Update QSI 036 (K-Kits)		X			
15	Update Accpac Database		X			
16	Update Access Database		X			
17	Verification ARC		X			
18	Update STC Approval List		X			
19	Update Product Development Summary		X			
20	Create/Update COSS (Estimate/BOM)	X		JLM/EC		<i>[Signature] 07.08.09</i>
21	Create/Update PPP's		X			
22	Update Paperwork Kits in Production		X			
23	Update Paperwork Kits in Stock		X			
24	Red Tag Stock with old CHG #		X			
25	Rework/Scrap Current Production		X			
26	Rework/Scrap Kits in Stock?		X			
27	Update Qpulse/Laminated Dwgs	X	X	KJ		07.08.29 <i>KJ</i>
28	Create/Update Controlled PDF Files	X		KJ		07.08.29 <i>KJ</i>
29	Create/Update FAI sheets	X	X	JLM/EC		<i>[Signature] 07.08.09</i>
30	Create/Update CNC Programs	X		JLM/EC		<i>[Signature] 07.08.09</i>
31	Create/Update Tooling		X			
32	MPP required?		X			
33	Notify Previous Customers		X			
34	Notify Eurocopter France		X			
35						
36						
Description / Action: Update and release D3283 Rev. E, D3288 Rev. D, and D3289 Rev. C Update cutting toolpath for D3283 to ensure manufacturing of 57 holes. Verify D3282 programming and add machining of 57th hole if missing. Close Engineering portion of NCR#164 and PAR#179 D3288 LAMINATED (LG)						

ECN Complete: *[Signature]*

Date: 07 SEPT 27

Preventive Action Report				PAR 179	
Raised by: <u>Marc Bellavance</u>		Source: <u>ENG Q.C. inspection</u>		Sheet No. <u>1</u> of <u>1</u>	
Issue for Dept./Supplier: <u>Prod / Landing Gear</u>				Date: <u>07/05/23</u>	
Product/Service: <u>D3283 - D3282</u>				Priority: HIGH LOW	
Area of Standard:		Section A Description of Issue <u>D206-642</u> <u>Dwg is specifying 57 holes but only showing 56. DXF File is showing 56 holes as well.</u>			
QSI					
QSP					
QSPM					
Documents:					
P/O					
Invoice					
W/O <u>31930/31942</u>					
Batch No. <u>31930/31942</u>					
TSR					
Drawing					
Forward to Director, Quality Assurance on completion of this box					
DQA: Section B: Indicate who is responsible for creating P/A, and a completion date. Section C: Indicate who will verify completion of P/A.					
Section B		Responsible for Investigation/PA: <u>M.B</u> To be done by: _____			
Preventive Action					
No	Initial	Action Description	Responsible	Due date	Sign/Date
1.	D.T	<u>Update DWS</u>	<u>M.B/DC</u>	<u>07/05/30</u>	<u>07.05.21 DC</u>
2.	D.T	<u>Update DXF</u>	<u>JLN/K.C</u>	<u>07/05/30</u>	<u>07.05.21 JLN</u>
3.	J.M.	<u>For work in progress, Drill missing hole manually. Procedure will be written on the backs of the W/O's.</u>	<u>J.M/DC</u>	<u>07/05/23</u>	<u>07.05.23 J.M</u>
			Fault Category: _____		
Section C		Responsible for Verification of PA: _____			
Verification of P/A					
No	Verification Method	Sign	Date	Forward to DQA on Completion of Verification	
				DQA: _____	
				Date: _____	
QA Purposes only		P/A Closed		Date _____	

164

Raised by: D. Stow

Source: Tech Support

Sheet No. 1 of 1

Non-Conforming
Dept./Supplier: Engineering / Design
Product/Service:

Date: 07/05/16

Product/Service: D201-642-611/612/613/614

Priority: HIGH
LOW

Section A

Description of Non-Conformance

QSP

QSPM

Documents:

P/O

Invoice

W/O

Batch No.

TSR

Drawing

- Clamp does not fit between the Aft saddle and the Aft most groundhandling lug.
- no dimensions to locate holes for the ground handling lugs on drag.

Root cause: Tolerance stack up

Forward to Director, Quality Assurance on completion of this box

DQA: Section B: Indicate who is responsible for creating C/A, and a completion date. Section C: Indicate who will verify completion of C/A.

Section B

Corrective Action

Responsible for Investigation/CA: M. Bellevance To be done by: 07/05/30

No	Initial	Action Description	Responsible	Due date	Sign/Date
1.	D.T	Quarantine AS per Attachment E mail	J.M.	07/05/17	07/05/17
2.	18	Ensure that clamp fits between GHW lug and saddle	D.Stan	07/05/25	07/05/28
3.	18	Eng to revise dwg so that a proper dimension B given	Mr B/ DC	07/06/04	07/06/21 DC
4.	18	Production - Eng to update drill jig as per dwg	JLM/ Ec	07/06/08	N/A *
5.	D.T	Add to compatibility matrix	D.S.		
		* Jig is as per Dwg and always as been. Rlt issue is a design problem.	DS/9383 will ADDRESS THE ISSUE -		07/06/20

Preventive Action Required: NO YES #

Fault Category:

Section C

Verification of C/A

Responsible for Verification of CA: _____

No	Verification Method	Sign	Date

Forward to DQA on
Completion of Verification

DQA: _____

Date: _____

QA Purposes only

N/C Closed

Date _____

Kim Johnston

From: David Shepherd [dshepherd@dartaero.com]
Sent: Wednesday, August 29, 2007 10:23 AM
To: 'Kim Johnston'
Cc: 'Peter Hum'
Subject: RE: ECN 969

Kim,

Per this email, please get Peter to stamp them and sign them released.
I assume these are original pen signatures and not scanned signatures.

Thanks,
David

-----Original Message-----

From: Kim Johnston [mailto:kjohnston@dartaero.com]
Sent: Wednesday, August 29, 2007 6:19 AM
To: David Shepherd (E-mail)
Cc: Daniel Campbell (E-mail)
Subject: ECN 969

Hi David,

Dan Campbell gave me ECN 969 releasing drawings D3283, 3288 & 3289 for the D206-642 skid tubes. You initialed them but didn't stamp them released. I've scanned them into the system but let Eric know about the release stamp. we have to do any w/o's using these drawings I was thinking that we can stamp them preliminary until you come here if that's okay with you. Otherwise I can get one of the engineers to sign the release on the drawings per the ECN.

Let me know how to handle this. When are you coming to Dart?

Kim Johnston
Dart Aerospace Ltd.
Engineering Clerk
Document Control
Email: kjohnston@dartaero.com
Tel: 613-632-5200
Fax: 613-632-9311

No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.5.484 / Virus Database: 269.12.10/977 - Release Date: 8/28/2007
4:29 PM

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